

IN THE CLAIMS

1. (currently amended): A water vaporization distribution plant consisting of at least one feeding collector (13) with nozzle-holder ramps (15) equipped with a series of vaporization nozzles (14), in which there are first tighteners (18) for ~~the~~ assembly and blockage of the nozzle-holder ramps (15) with respect to the at least one collector (13), and second tighteners (24) for ~~the~~ said assembly and blockage of ~~the~~ said vaporization nozzles (14) to ~~the~~ said nozzle-holder ramps (15), ~~wherein further~~ wherein ~~the~~ said nozzle-holder ramps (15) have a square or rectangular section, and in correspondence with ~~the~~ said vaporization nozzles (14) there is a shaped blocking element ~~(41, 141, 49)~~ for ~~a safe~~ positioning of ~~the~~ said vaporization nozzles (14) on ~~the~~ said nozzle-holder ramps (15).

2. (canceled)

3. (currently amended): The water vaporization distribution plant according to claim 1, characterized in that said at least one feeding collector (13) comprises a series of side openings (23) for ~~the~~ inflow feeding of water into ~~the~~ said nozzle-holder ramps (15) which determine[[s]] ~~the~~ outflow distribution of water from ~~the~~ said vaporization nozzles (14).

4. (currently amended): The water vaporization distribution plant according to claim 3, characterized in that said side openings (23) for inflow feeding of water into said nozzle-holder ramps (15) which determine the outflow distribution of water from said vaporization nozzles (14) are arranged at a distance and at a constant pitch between each other ~~or at unequal distances~~.

5. (currently amended): The water vaporization distribution plant according to claims 1 or 3, characterized in that said at least one feeding collector (13) has a square or rectangular section.

6. (previously presented): The water vaporization distribution plant according to claim 1, characterized in that said at least one feeding collector (13) and said nozzle-holder ramps (15) are made of corrosion-resistant steel.

7. (currently amended): The water vaporization distribution plant according to claim 1, characterized in that said nozzle-holder ramps (15) for the feeding to said nozzles are equipped with side openings (16) for the housing and fixing of said vaporization nozzles (14).

8. (canceled)

9. (currently amended): The water vaporization distribution plant according to claim 7, characterized in that said nozzle holder ramps (15) having first ends and second ends, said the first ends of said nozzle holder ramps (15) are being equipped with threaded sections (20) for closure of said nozzle holder ramps (15) on one-side said first ends and opening and water circulation on said second ends the other.

10. (currently amended): The water vaporization distribution plant according to claim 1, characterized in that said first and second tighteners (18, 24) include at least one hole (19) for the passage of the circulating water which allows a hydraulic connection between the various distribution plant components.

11. (currently amended): The water vaporization distribution plant according to claim 10, characterized

in that said first tighteners and second tighteners (18, 24) are ~~envisaged~~ provided with a central connection hole between an at least one side feeding hole (19) and ~~the~~ said nozzle-holder ramps (15).

12. (canceled)

13. (currently amended): The water vaporization vaporization water distribution plant according to claim 11, characterized in that said second ~~assembly~~ tighteners (24) for the connection between the nozzle-holder ramps (15) and vaporization nozzles (14) are made of corrosion-resistant steel, ~~compatible with physico-chemical properties of circulation water.~~

14. (currently amended): The water vaporization distribution plant according to claim 13, characterized in that said first tighteners and second tighteners (18, 24) are made of highly corrosion resistant steel by means of turning, perforating and threading operations, with work tolerances ~~compatible with~~ resistant to the expected operating pressures ~~envisaged~~ and higher than 50 bar.

15. (canceled)

16. (canceled)

17. (currently amended): The water vaporization distribution plant according to claim 1 [[16]], characterized in that said shaped blocking element ~~(41)~~ is U-shaped with a base and two free ends wherein said U-shaped blocking element (41), is fixed in its at base (42) inside an indentation (43) of a hexagonal head (44) of ~~the~~ said second tighteners (24), and comprises curved elements (45) at its free each of said two ends of said shaped blocking element, said curved elements (45) being suitable adapted for being hooked to a plate (46)

integral with ~~said~~ a vaporization nozzle (14).

18. (currently amended): The water vaporization distribution plant according to claim 1, characterized in that said shaped blocking element comprises a first blocking element (141) which has an insertion hole (49) for ~~with~~holding the vaporization nozzle (14) in direct contact with a cylindrical shaped body (28) and a tongued terminal part (47) which is inserted and blocked, by folding, in a slit (50) situated in a second blocking element (48), that is perforated in the centre, ~~which~~ and is fixed on ~~the~~ said second tighteners (24).